

# Decision Support Briefing

September 21, 2023  
7:24 PM



## Southeast River Forecast Center



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Southeast River Forecast Center





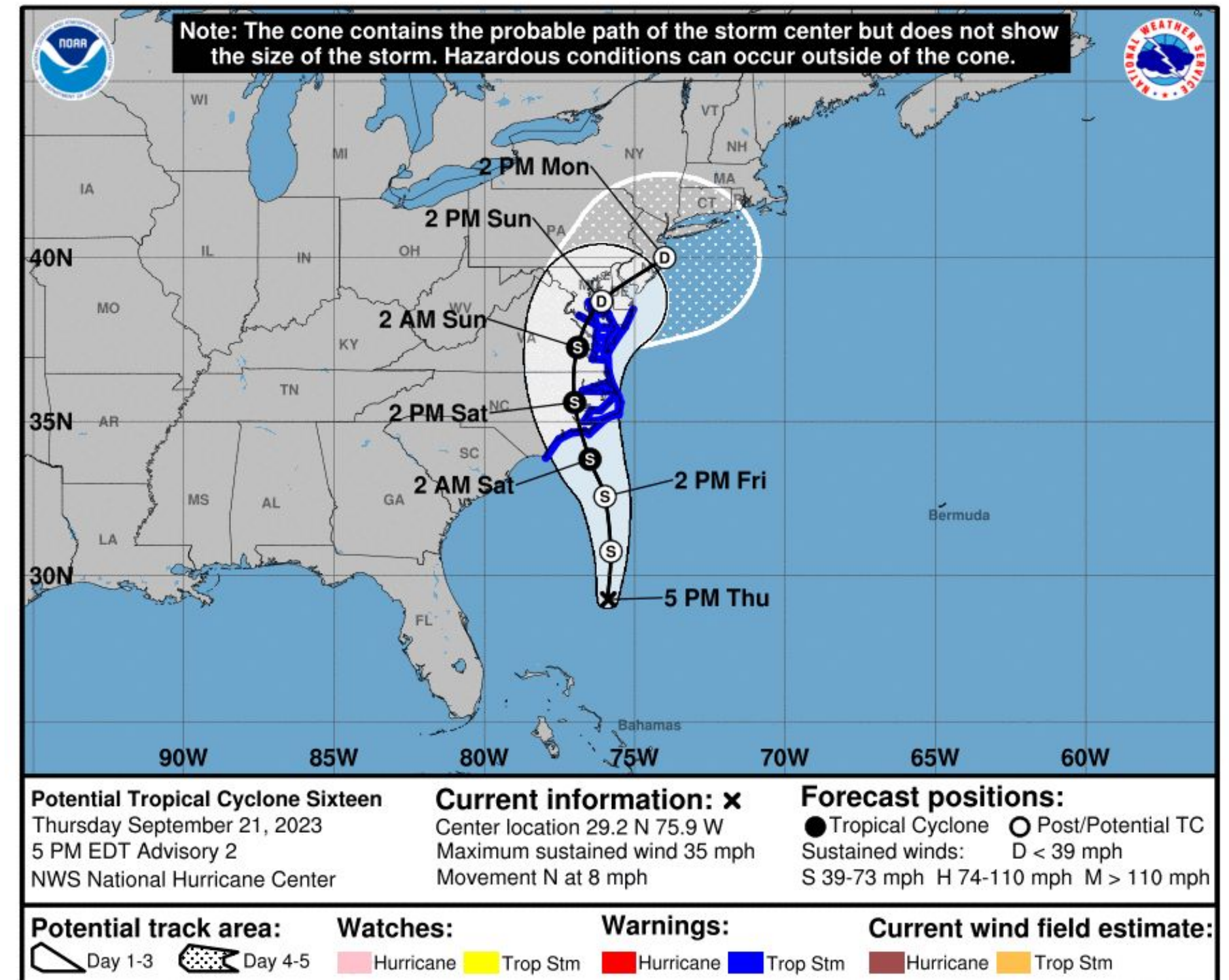
# Potential Tropical Cyclone Sixteen

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## 5-Day Uncertainty Track

### Key Messages

- Low pressure will develop along the Atlantic Coast late this week.
- Most significant rain impacts are expected in eastern North Carolina and eastern Virginia through the weekend.
- New river flood potential is low, but localized heavy rainfall on Friday and Saturday could result in local flash flooding and a few river points heading to flood stage.
- Refer to your WFO for the latest hazards in your area.







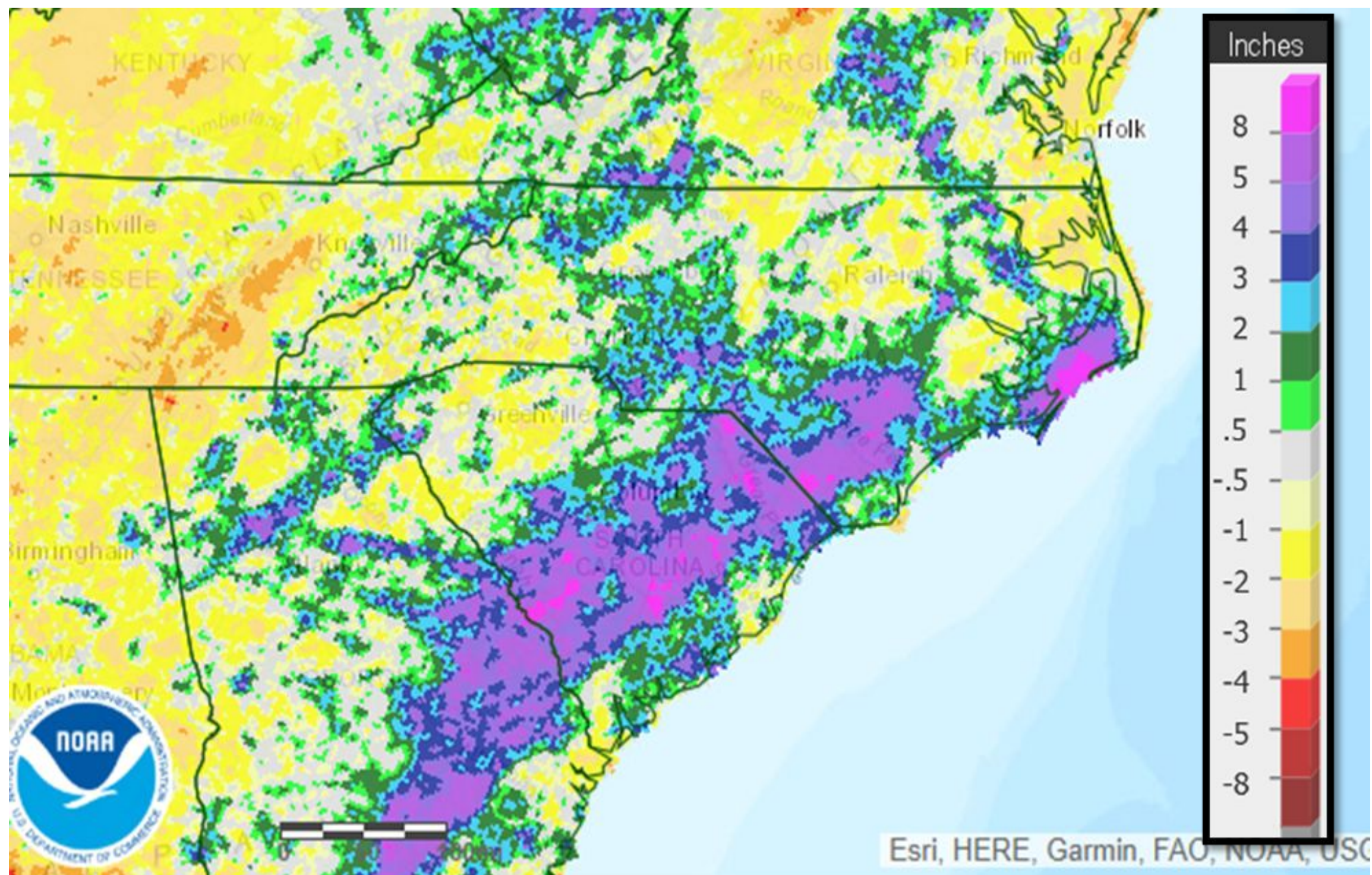
# Past 30-day precipitation - Departure from normal

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- This depicts the departure from normal rainfall for the last 30 days.
- Two areas that were impacted by Idalia could be affected by rainfall from the new storm...the outer banks of North Carolina and the very southeastern part of North Carolina.
- Many areas that are expected to receive rain from the potential cyclone 16 have been relatively dry the last 30 days.



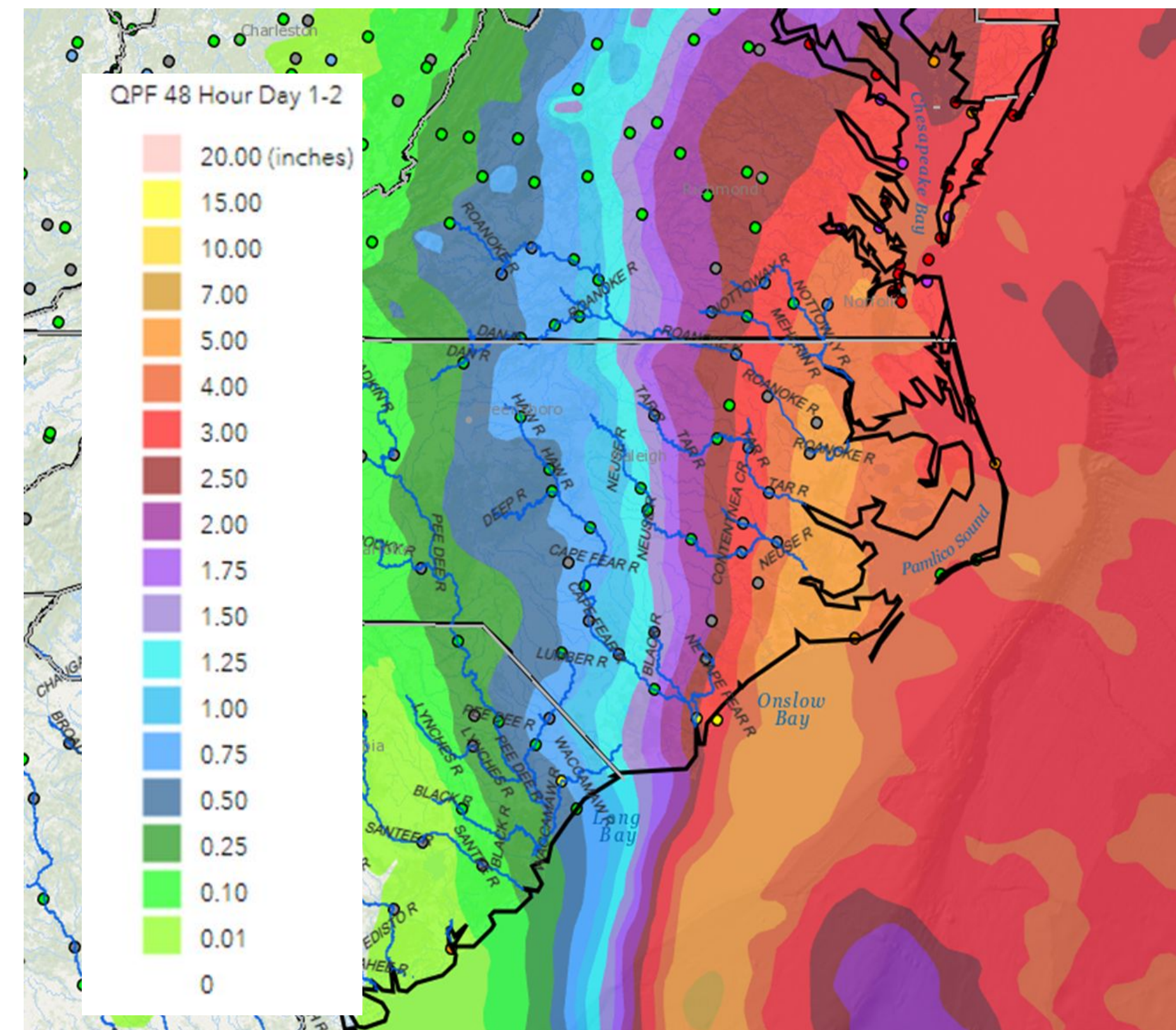




# Forecasted 48-hour Precipitation

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8 pm today thru 8 pm on Saturday



- The forecasted Precipitation from the Weather Prediction Center shows a strong gradient across the lower end of some of the river basins in North Carolina and Virginia
- Areas that had significant precipitation from Idalia are not expecting heavy rain from the potential new storm.
- This storm is expected to be a quick moving storm which will help keep storm total in the 3 to 6 inch range at the bottom of our basins.
- There will be rises in the rivers and potential flash flooding in the area of heavy rainfall.
- Monitor your local weather office for information and warnings.





# SERFC Operational Status

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Normal Operating Hours

**SERFC will remain on normal operations.**



**Latest river stages and forecasts are able to be viewed on our webpage.**



**Please send all operational correspondence to our email or call the office directly.**



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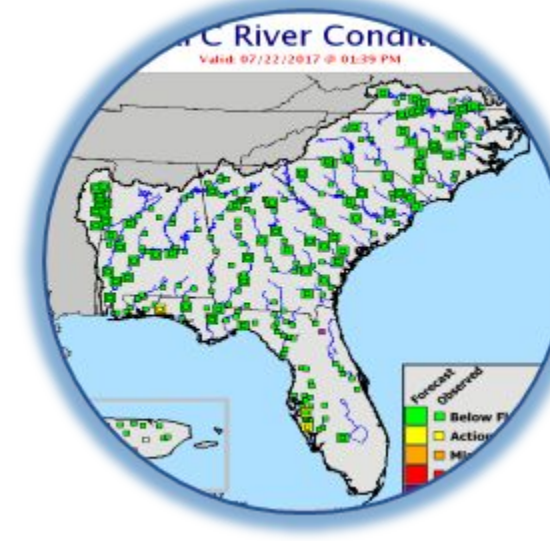


# Important Links

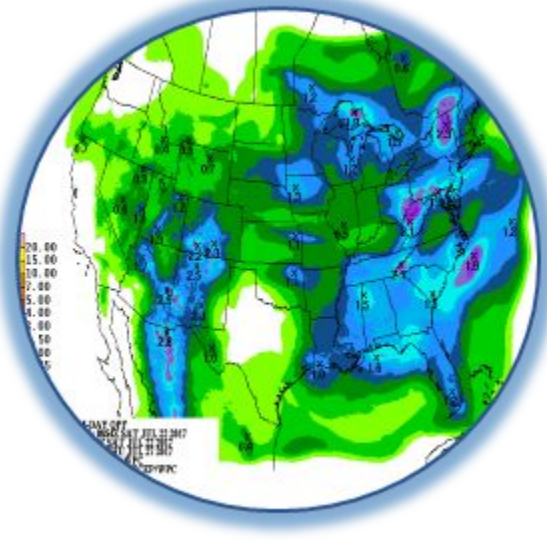
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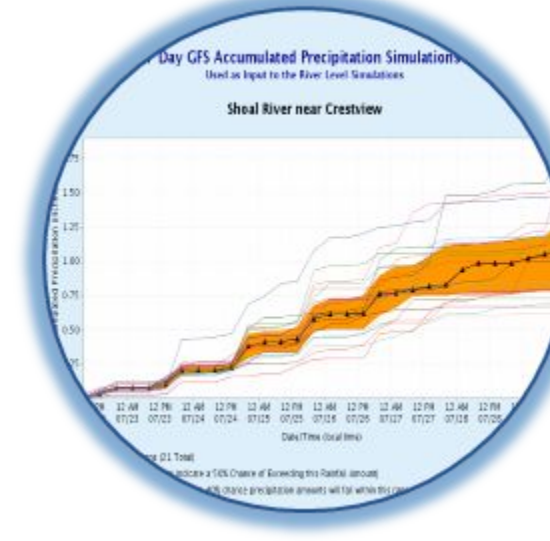
[Latest Radar](#)



[SERFC Quick Brief](#)



[Latest Rainfall Forecast](#)



[MMEFS](#)





# Contact and Next Briefing Information

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Southeast River Forecast Center

## Next Briefing



By 1:00 PM on Friday September 22.  
Method: Email, Facebook, Twitter

## Disclaimer



These slides are intended for your use. Please feel free to share these with others. If you have any questions please email us or contact your local NWS Weather Forecast Office.

→ **Remember:** SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.



## Contact Information

### Web

→ [weather.gov/serfc](https://weather.gov/serfc)

### Phone

→ 770-486-0028

### Email

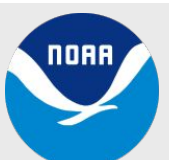
→ [sr-alr.rivers@noaa.gov](mailto:sr-alr.rivers@noaa.gov)

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